

ABSTRACT OF THE DISCLOSURE

~~A second reflector 30 is~~ Exemplary embodiments of the present invention include a
second reflector attached to a sealing ~~portion 13a-portion~~ so that its reflection ~~surface 32~~
surface may surround substantially the front half of a light emitting ~~portion 11, portion,~~ the
heat capacity of a front-side ~~electrode 12a-electrode~~ surrounded with the second ~~reflector 30~~
reflector is made larger than that of a rear-side ~~electrode 12b, electrode,~~ an electrode ~~shaft 16a~~
shaft which supports the front-side ~~electrode 12a-electrode~~ surrounded with the second
~~reflector 30-reflector~~ is made thicker and/or longer than an electrode ~~shaft 16b-shaft~~ which
supports the rear-side ~~electrode 12b, electrode,~~ the front-side sealing ~~portion 13a-portion~~ to
which the second ~~reflector 30-reflector~~ is attached is made thicker than a rear-side sealing
~~portion 13b, portion,~~ and the front-side sealing ~~portion 13a-portion,~~ to which the second
~~reflector 30-reflector~~ is attached is coated with a heat radiation ~~material 17-material~~ which has
a thermal conductivity higher than that of the material of this sealing ~~portion 13a-portion.~~